

CABLE STORAGE DEVICE PROVIDING CONTINUOUS ADJUSTABILITY WITH CONTROLLED BEND RADIUS

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ABSTRACT OF THE DISCLOSURE

A device for storing and deploying cable, including but not limited to optical fiber cable. The device includes a substantially planar bottom support surface having juxtaposed thumb segments and an intervening finger segment. An outer wall is affixed to the bottom surface about its perimeter and extends upwardly therefrom. A substantially circular guide wall is disposed on the bottom surface extending upwardly therefrom. A substantially circular inner wall is concentrically arranged with respect to the guide wall. A top flange is joined to the support surface by the outer wall and, together with the thumb segments, form entry and exit ports for the cable. The guide wall and the inner wall define a guide track that is dimensioned so as to enable continuous adjustment of variable lengths of cable in an area of the device bounded by the guide track, the outer wall and a transverse barrier that extends the length of the finger segment. The guide track operates to secure the cable in the device once an appropriate length has been accumulated or deployed.